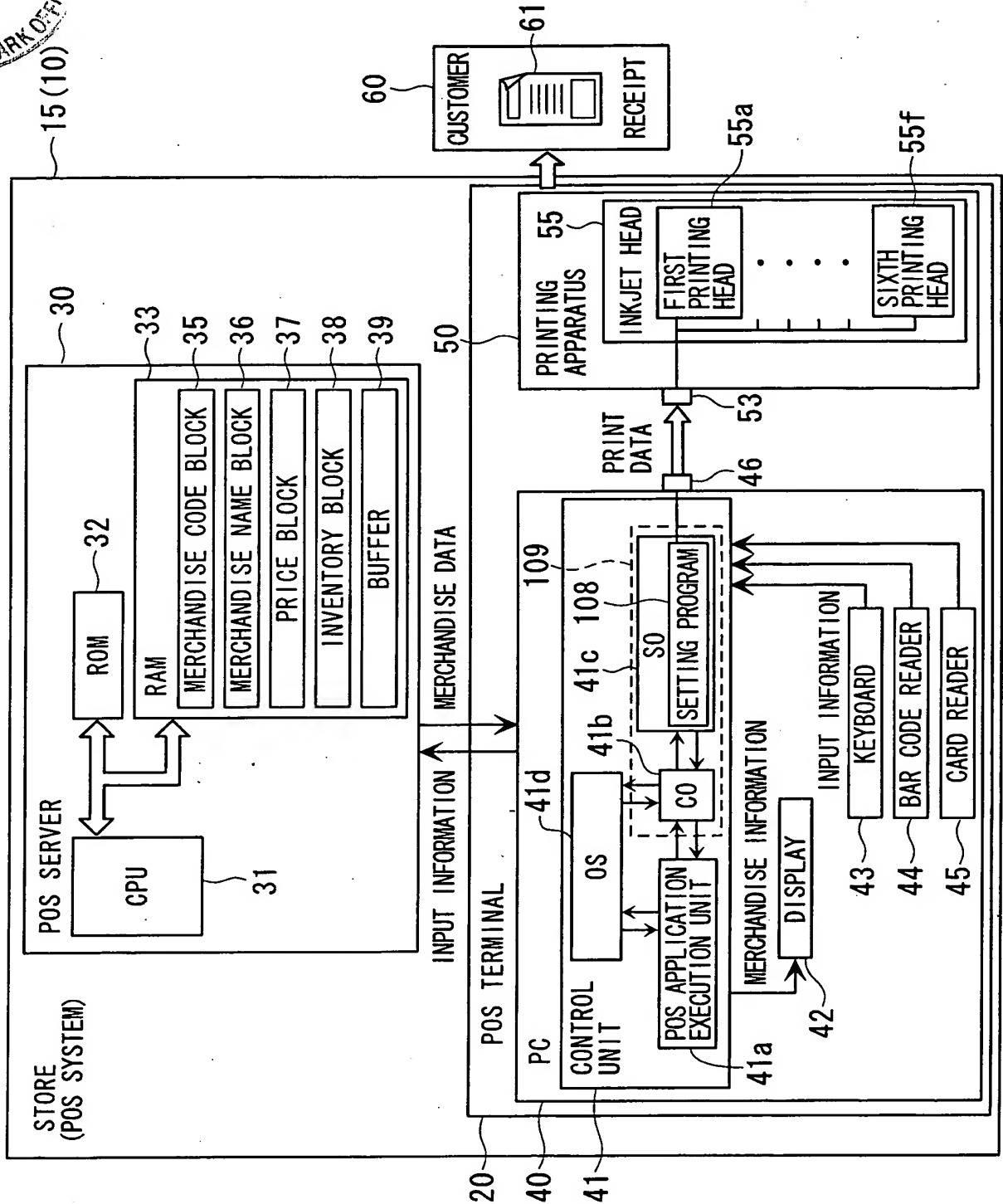




FIG. 1

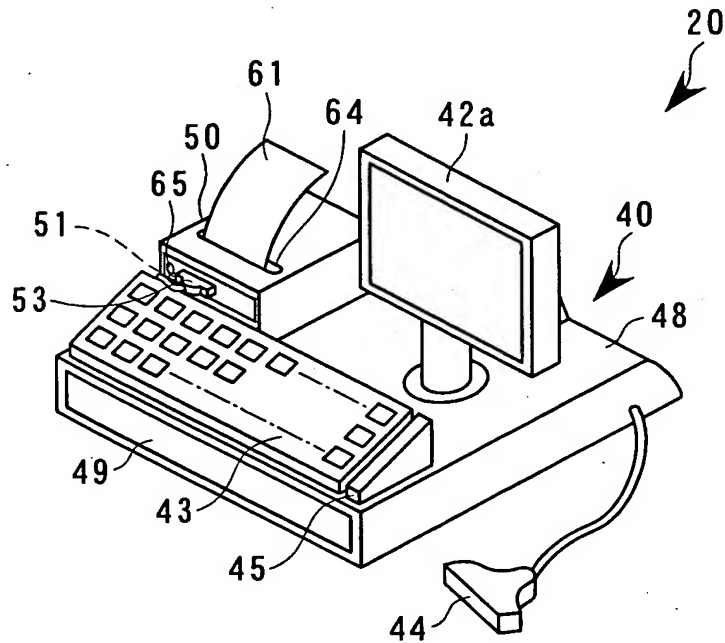


**Inventor: Masahiro MINOWA**

Atty. Ref.: 9319H-000561

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**F I G. 2 A**



F I G. 2 B

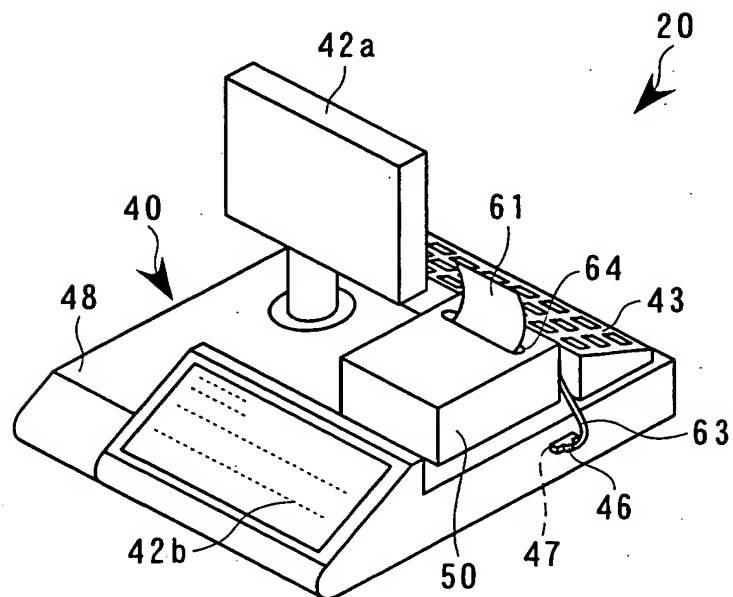


FIG. 3

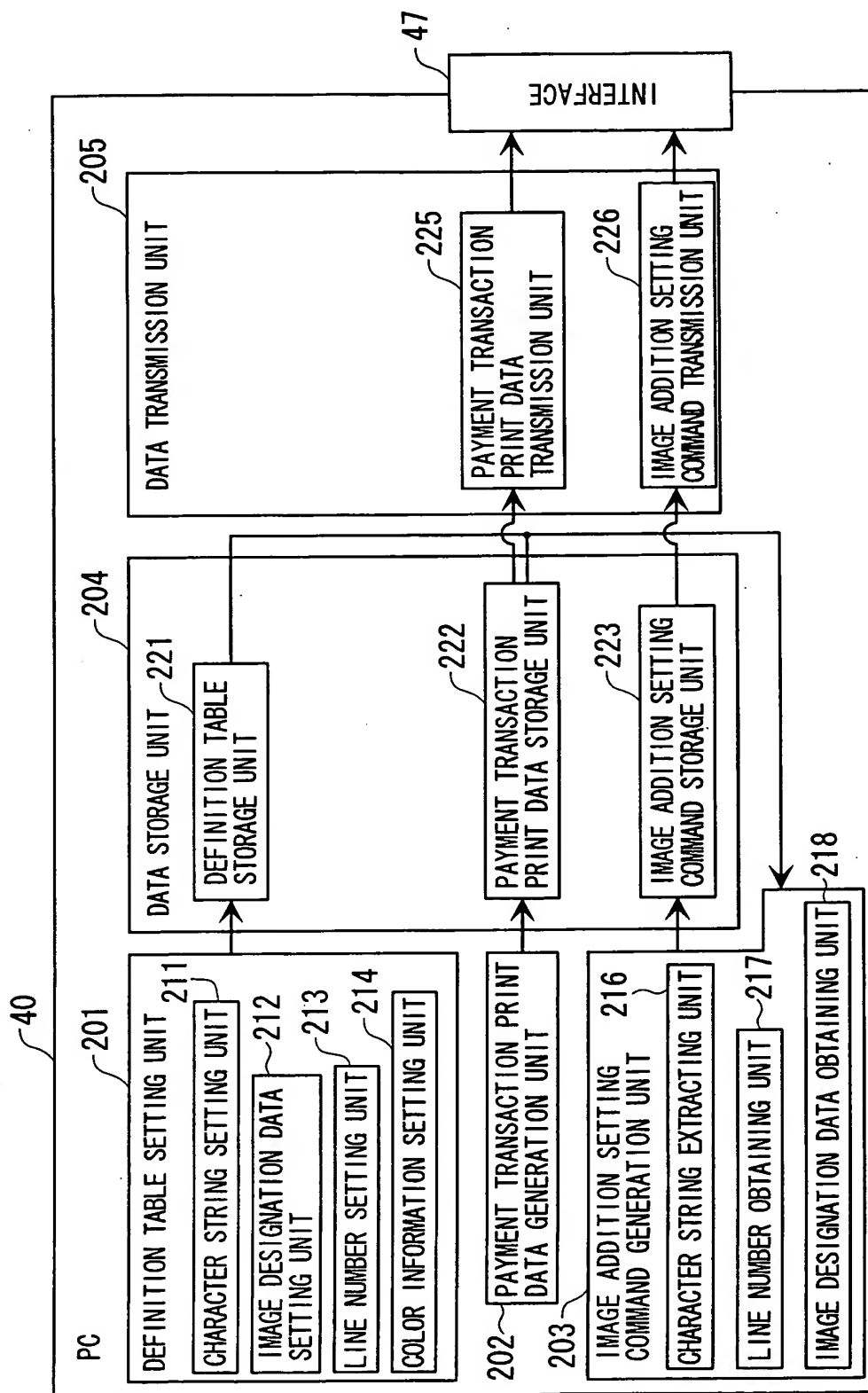


FIG. 4

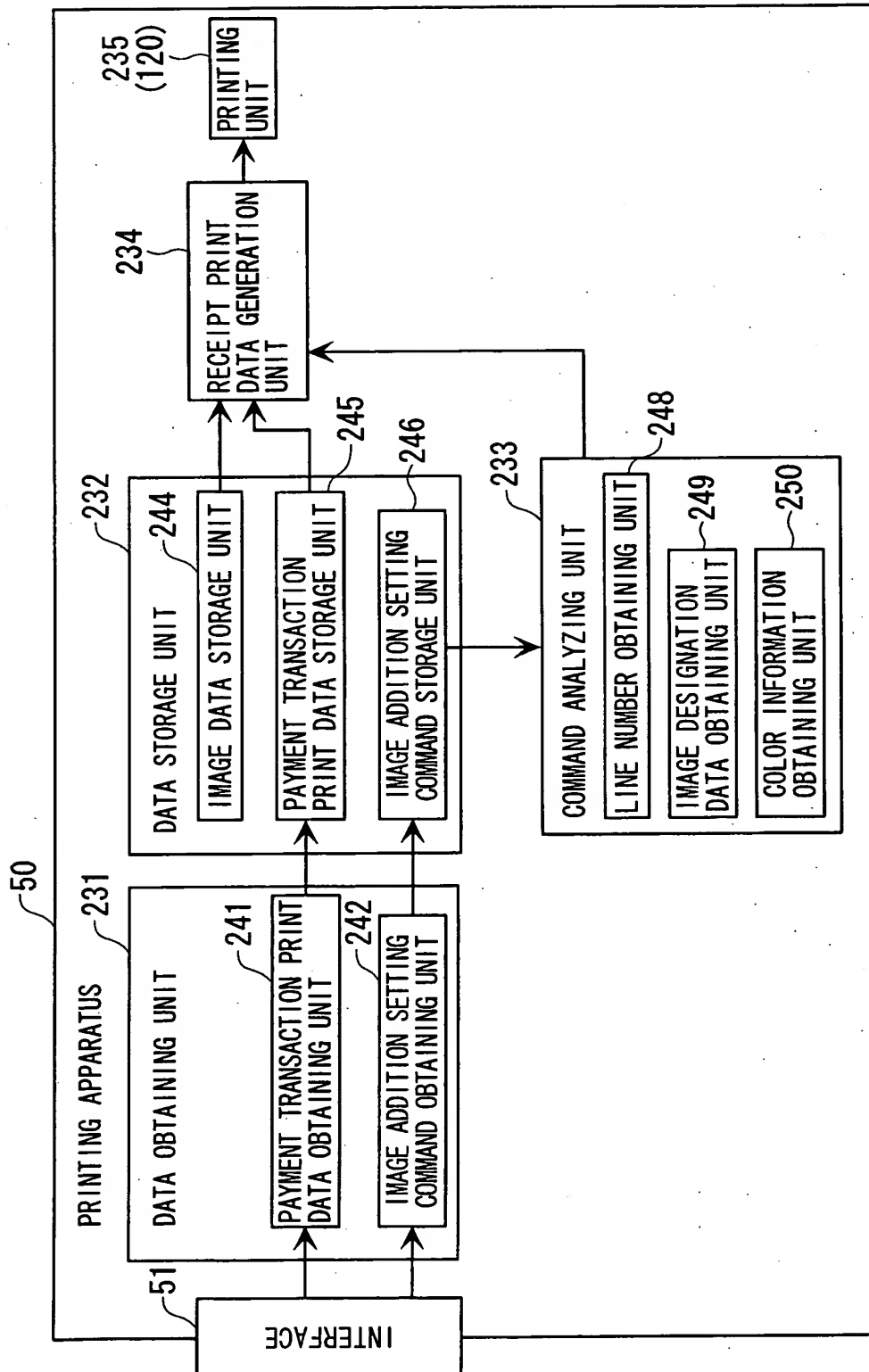


FIG. 5

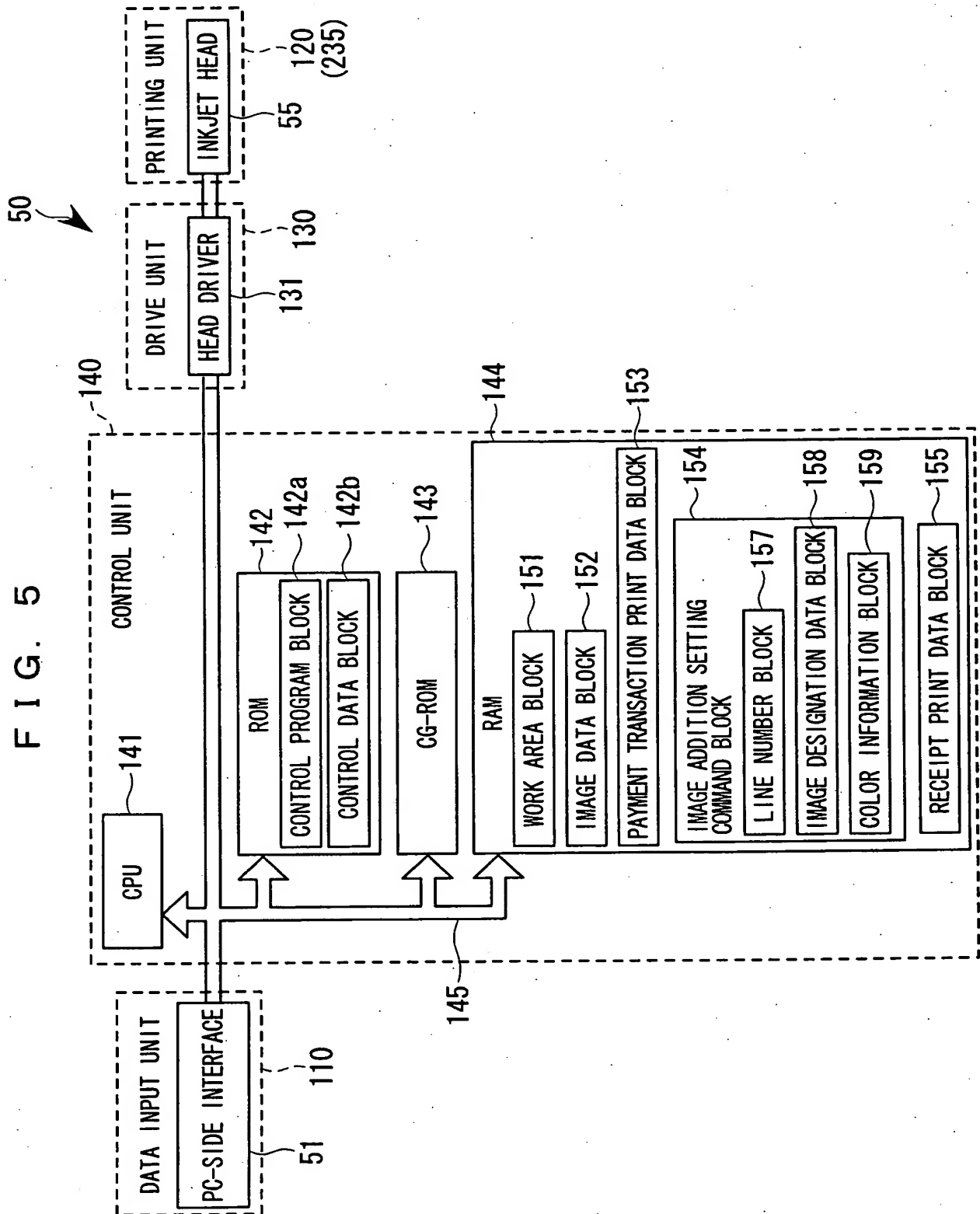


FIG. 6

300

BASIC DEFINITION TABLE IMAGE DATA REGISTRATION

• CHARACTER STRING SETTING

START CHARACTER STRING      END CHARACTER STRING

RECEIPT 301      SHOPPING 302

• IMAGE DESIGNATION DATA SETTING

FILE      C:\fire.jpg 304      REGISTERED FILE LIST

ID      U2 305      U0/C:hana.jpg 303

U1/C:ami.jpg

• LINE NUMBER SETTING

START CHARACTER STRING ☒ INCLUDED ☐ NOT INCLUDED

END CHARACTER STRING ☒ INCLUDED ☐ NOT INCLUDED

• COLOR SETTING

☒ DESIGNATED      ☐ NOT DESIGNATED

Red 306

OK 307

FIG. 7

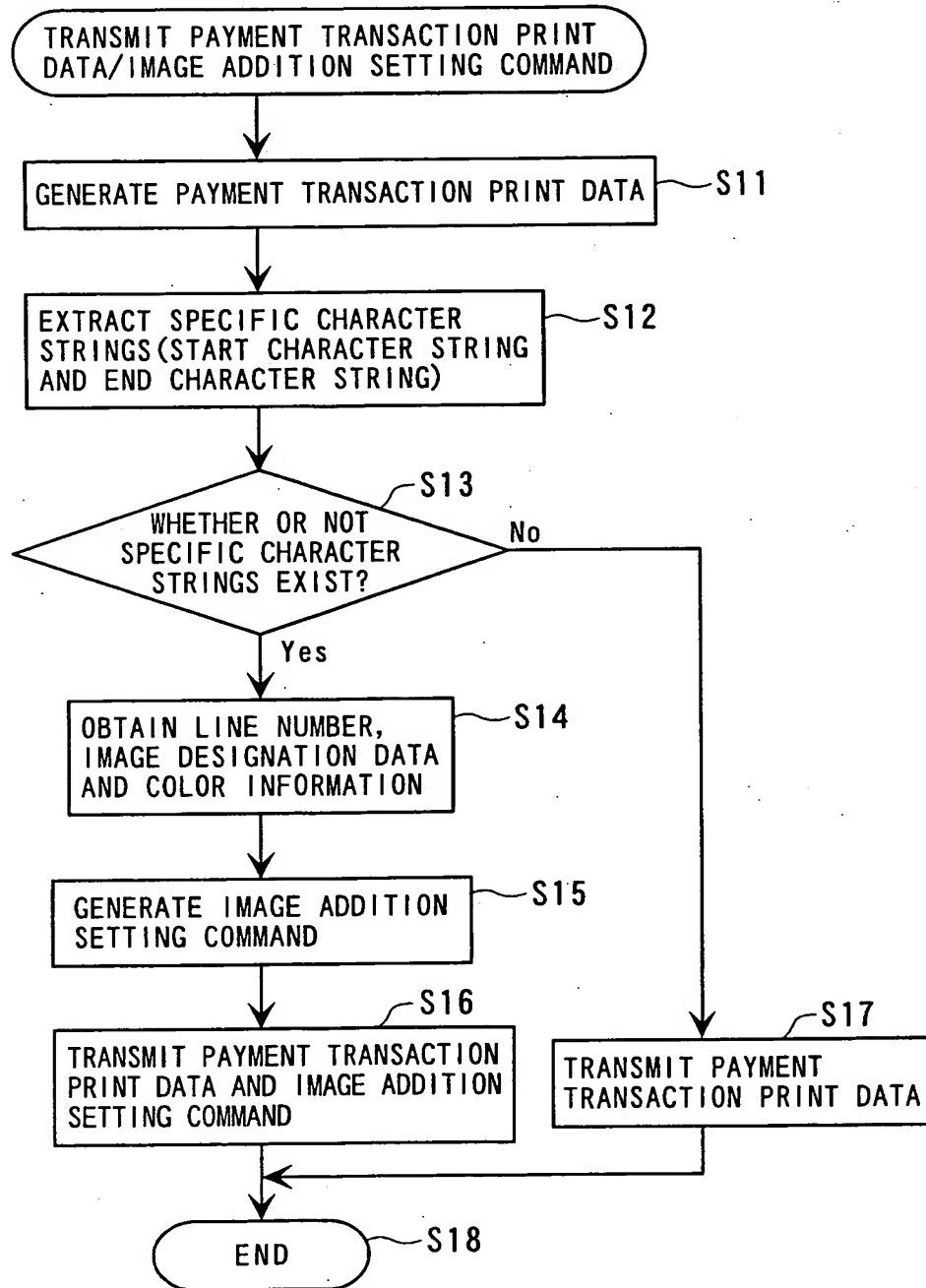
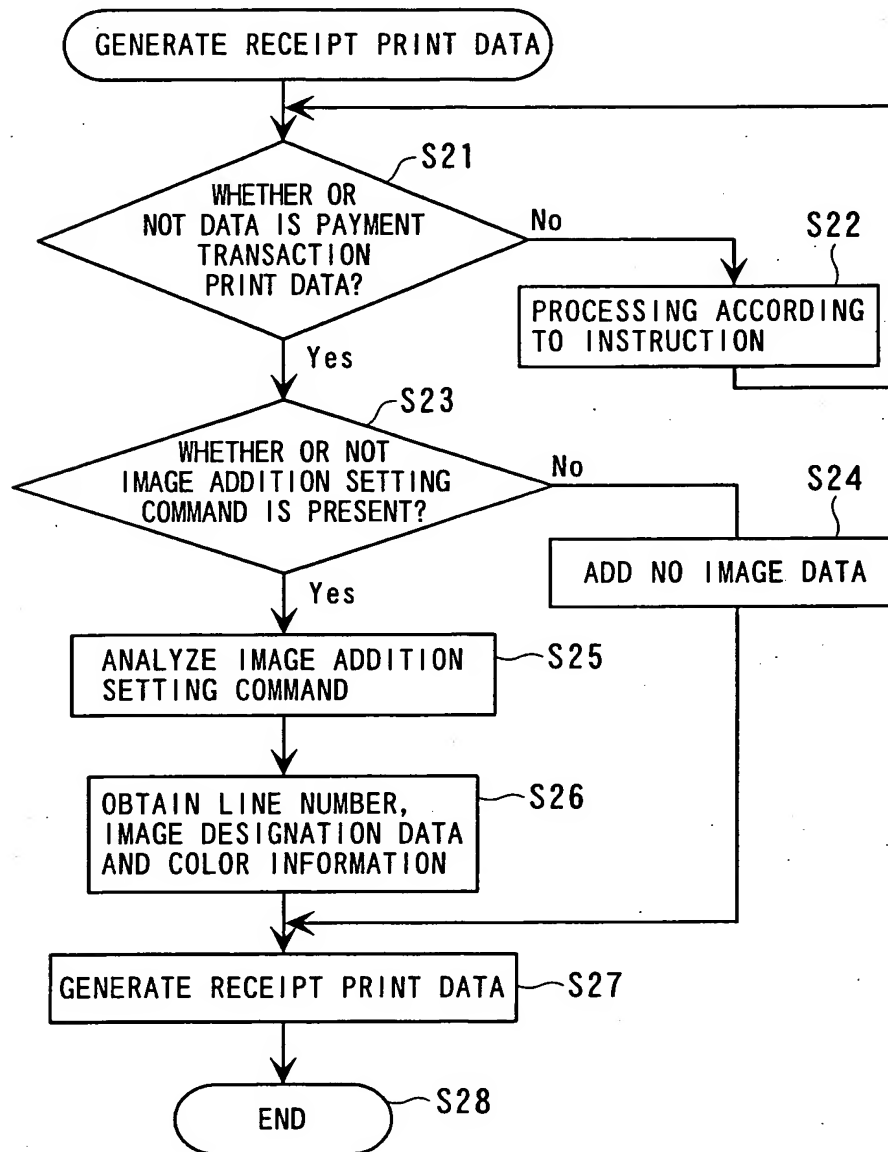


FIG. 8





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FIG. 9

<PRINT EXAMPLE 1>

DEFINITION TABLE

| ITEM No. | START CHARACTER<br>STRING | LINE NUMBER<br>SETTING | END CHARACTER<br>STRING | LINE NUMBER<br>SETTING | IMAGE DESIGNATION DATA<br>(IMAGE DESIGNATION No.) | COLOR DESIGNATION<br>(COLOR DESIGNATION No.) |
|----------|---------------------------|------------------------|-------------------------|------------------------|---|--|
| 1        | RECEIPT                   | 1                      | SHOPPING                | 1                      | U2/C:fire.jpg(02)                                 | Red  |

RESULT OF OBTAINED DATA

| IMAGE DESIGNATION DATA<br>(IMAGE DESIGNATION No.) | START LINE NUMBER | END LINE NUMBER | COLOR DESIGNATION |
|---|-------------------|-----------------|-------------------|
| 02  | x1                | x2              | 2                 |

<PRINT EXAMPLE 2>  
 DEFINITION TABLE

| ITEM No. | START CHARACTER STRING | LINE NUMBER SETTING | END CHARACTER STRING | LINE NUMBER SETTING | IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.) | COLOR DESIGNATION (COLOR DESIGNATION No.) |
|----------|------------------------|---------------------|----------------------|---------------------|--|---|
| 1        | FIRE MARK              | 1                   | RECEIPT              | 0                   | U0/C:hana.jpg                                  | NONE                                      |
| 2        | Thank You              | 1                   | SHOPPING             | 1                   | U0/C:hana.jpg                                  | NONE                                      |

RESULT OF OBTAINED DATA

| IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.) | START LINE NUMBER | END LINE NUMBER | COLOR DESIGNATION (COLOR DESIGNATION No.) | START LINE NUMBER | END LINE NUMBER | COLOR DESIGNATION (COLOR DESIGNATION No.) |
|--|-------------------|-----------------|---|-------------------|-----------------|---|
| 00   | x1                | x2              | 0   | x3                | x2              | 0   |

<PRINT EXAMPLE 2>  
 DEFINITION TABLE

| ITEM No. | START CHARACTER STRING | LINE NUMBER SETTING | END CHARACTER STRING | LINE NUMBER SETTING | IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.) | COLOR DESIGNATION (COLOR DESIGNATION No.) |
|----------|------------------------|---------------------|----------------------|---------------------|--|---|
| 1        | FOOD                   | 1                   | CATEGORY TOTAL       | 1                   | U3/C:shoku.jpg                                 | NONE                                      |
| 2        | COMMODITY              | 1                   | CATEGORY TOTAL       | 1                   | U4/C:nichi.jpg                                 | NONE                                      |
| 3        | DRUGS                  | 1                   | CATEGORY TOTAL       | 1                   | U5/C:iyaku.jpg                                 | NONE                                      |

RESULT OF OBTAINED DATA

| IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.) | START LINE NUMBER | END LINE NUMBER | COLOR DESIGNATION (COLOR DESIGNATION No.) |
|--|-------------------|-----------------|---|
| 03   | x1                | x2              | 0   |
| 04   | x3                | x4              | 0   |
| 05   | x5                | x6              | 0   |

<PRINT EXAMPLE 1>

## FIG. 11A

ESC I n1, n2, n3, n4  
IMAGE ADDITION      PARAMETER  
SETTING COMMAND

n1: IMAGE DESIGNATION DATA  
(IMAGE DESIGNATION NO.)=fire(02)  
n2: START LINE NUMBER=x1  
n3: END LINE NUMBER=x2  
n4: COLOR INFORMATION  
(COLOR DESIGNATION No.)=Red(2)

## FIG. 11B

n2=\* \* \* \*, \* \* \* \*  
          ↑  
          START LINE NUMBER(1-128)  
LINE NUMBER SETTING  
1=INCLUDED  
0=NOT INCLUDED

## FIG. 12A

<PRINT EXAMPLE 2>

ESC | n1, n2, n3, n4, n5, n6, n7

n1: IMAGE DESIGNATION DATA

(IMAGE DESIGNATION No.)=hana(00)

n2: START LINE NUMBER=x1

n3: END LINE NUMBER=x2

n4: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

n5: START LINE NUMBER=x3

n6: END LINE NUMBER=x4

n7: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

## FIG. 12B

<PRINT EXAMPLE 3>

ESC | n1, n2, n3, n4, n5, n6, n7, n8, ...

n1: IMAGE DESIGNATION DATA

(IMAGE DESIGNATION No.)=shoku(03)

n2: START LINE NUMBER=x1

n3: END LINE NUMBER=x2

n4: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

n5: IMAGE DESIGNATION DATA

(IMAGE DESIGNATION No.)=nichi(04)

n6: START LINE NUMBER=x3

n7: END LINE NUMBER=x4

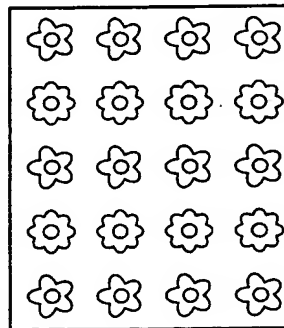
n8: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

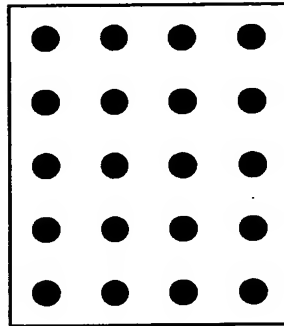
FIG. 13

IMAGE DATA

「FLOWER PATTERN」  
U0/C:hana.jpg



「DOT PATTERN」  
U1/C:ami.jpg



「FIRE PATTERN」  
U2/C:fire.jpg



FIG. 14

61  
↓  
〈PRINT EXAMPLE 1〉

START CHARACTER  
STRING  
(LINE NUMBER「×1」)

| FIRE MARK                |        |
|--------------------------|--------|
| TEL: XX-XXXX-XXXX        |        |
| JULY 20(Sat), 2002 15:30 |        |
| RECEIPT                  |        |
| FRIED EGG                | ¥200   |
| TISSUE PAPER             | ¥450   |
| MEDICAL PLASTER          | ¥500   |
| RICE (10.0Kg)            | ¥4,500 |
| LOIN OF BEEF             | ¥800   |
| EGGPLANTS                | ¥300   |
| POTATOES                 | ¥250   |
| SHREDDED PORK            | ¥400   |
| SALMON CAVIAR            | ¥1,200 |
| BANDAGE                  | ¥400   |
| -----                    |        |
| SUBTOTAL                 | ¥9,000 |
| CONSUMPTION TAX (5.0%)   | ¥450   |
| TOTAL                    | ¥9,450 |
| Thank You!               |        |
| THANK YOU VERY MUCH      |        |
| FOR SHOPPING WITH US     |        |

PRINT COLOR  
(Red)

END CHARACTER  
STRING  
(LINE NUMBER「×2」)

FIG. 15

61  
↓  
<PRINT EXAMPLE 2>

START CHARACTER  
STRING  
(LINE NUMBER「×1」)

END CHARACTER  
STRING  
(LINE NUMBER「×2」)

START CHARACTER  
STRING  
(LINE NUMBER「×3」)

END CHARACTER  
STRINGS  
(LINE NUMBER「×4」)

|   |        |
|---|--------|
| FIRE MARK   |        |
| TEL: X X - X X X X - X X X X<br>JULY 20 (Sat), 2002 15:30 |        |
| RECEIPT   |        |
| FRIED EGG   | ¥200   |
| TISSUE PAPER  | ¥450   |
| MEDICAL PLASTER   | ¥500   |
| RICE (10.0Kg)   | ¥4,500 |
| LOIN OF BEEF  | ¥800   |
| EGGPLANTS   | ¥300   |
| POTATOES  | ¥250   |
| SHREDDED PORK   | ¥400   |
| SALMON CAVIAR   | ¥1,200 |
| BANDAGE   | ¥400   |
| -----   |        |
| SUBTOTAL  | ¥9,000 |
| CONSUMPTION TAX (5.0%)                                    | ¥450   |
| TOTAL   | ¥9,450 |
| Thank You!  |        |
| THANK YOU VERY MUCH<br>FOR SHOPPING WITH US               |        |

FIG. 16

<PRINT EXAMPLE 3>

START CHARACTER  
STRING  
(LINE NUMBER「×1」)

END CHARACTER  
STRING  
(LINE NUMBER「×2」)

START CHARACTER  
STRING  
(LINE NUMBER「×3」)

END CHARACTER  
STRING  
(LINE NUMBER「×4」)

START CHARACTER  
STRING  
(LINE NUMBER「×5」)

END CHARACTER  
STRING  
(LINE NUMBER「×6」)

|   |        |
|---|--------|
| <b>FIRE MARK</b>                            |        |
| TEL: XX-XXXX-XXXX                           |        |
| JULY 20 (SAT), 2002 15:30                   |        |
| <b>RECEIPT</b>                              |        |
| <b>FOOD</b>                                 |        |
| FRIED EGG                                   | ¥200   |
| RICE (10.0Kg)                               | ¥4,500 |
| LOIN OF BEEF                                | ¥800   |
| EGGPLANTS                                   | ¥300   |
| POTATES                                     | ¥250   |
| SHREDDED PORK                               | ¥400   |
| SALMON CAVIAR                               | ¥1,200 |
| (CATEGORY TOTAL)                            | ¥7,650 |
| <b>COMMODITY</b>                            |        |
| TISSUE PAPER                                | ¥450   |
| (CATEGORY TOTAL)                            | ¥450   |
| <b>DRUGS</b>                                |        |
| MEDICAL PLASTER                             | ¥500   |
| BANDAGE                                     | ¥400   |
| (CATEGORY TOTAL)                            | ¥900   |
| SUBTOTAL ¥9,000                             |        |
| CONSUMPTION TAX (5.0%) ¥450                 |        |
| TOTAL ¥9,450                                |        |
| Thank You!                                  |        |
| THANK YOU VERY MUCH<br>FOR SHOPPING WITH US |        |

61

IMAGE DATA  
「U3/C:shoku.jpg」

IMAGE DATA  
「U4/C:nichi.jpg」

IMAGE DATA  
「U5/C:iyaku.jpg」



# FIG. 17

## PRIOR ART

### <CONVENTIONAL EXAMPLE>

|   |        |
|---|--------|
| <b>FIRE MARK</b>                            |        |
| TEL: XX-XXXX-XXXX                           |        |
| July 20 (sat), 2002 15:30                   |        |
| <b>RECEIPT</b>                              |        |
| FRIED EGG                                   | ¥200   |
| TISSUE PAPER                                | ¥450   |
| MEDICAL PLASTER                             | ¥500   |
| RICE (10.0Kg)                               | ¥4,500 |
| LOIN OF BEEF                                | ¥800   |
| EGGPLANTS                                   | ¥300   |
| POTATOES                                    | ¥250   |
| SHREDDED PORK                               | ¥400   |
| SALMON CAVIAR                               | ¥1,200 |
| BANDAGE                                     | ¥400   |
| -----                                       |        |
| SUBTOTAL                                    | ¥9,000 |
| CONSUMPTION TAX (5.0%)                      | ¥450   |
| TOTAL                                       | ¥9,450 |
| <b>Thank You!</b>                           |        |
| THANK YOU VERY MUCH<br>FOR SHOPPING WITH US |        |

ACCOUNTING PRINT DATA  
(MERCHANDISE DATA)